

Docket No. 248675US8CONT/phh

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Soko KADO, et al.

SERIAL NO: 10/781,900

GAU: 2633

FILED: February 20, 2004

EXAMINER:

FOR: RAMAN AMPLIFICATION METHOD AND OPTICAL TRANSMISSION SYSTEM USING THE SAME

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references cited in the attached International Search Report listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

  
Bradley D. Lytle

Registration No. 40,073

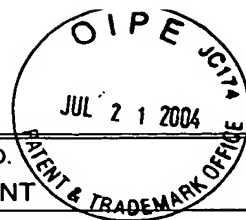
Joseph A. Scafetta, Jr.

Registration No. 26,803

Customer Number

22850

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 05/03)

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
248675US8CONTSERIAL NO.  
10/781,900

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Soko KADO, et al.

FILING DATE

February 20, 2004

GROUP

2633

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	6,263,139	07/17/2001	H. KAWAKAMI, et al.			
	AB	6,212,310	04/03/2001	R. G. WAARTS, et al.			
	AC	6,163,636	12/19/2000	A. J. STENTZ, et al.			
	AD						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AE	WO 01/052372	07/19/2001	WIPO		
	AF	2002-204024	07/19/2002	JAPAN		X
	AG	2002-122897	04/26/2002	JAPAN		X
	AH	2001-249369	09/14/2001	JAPAN		X
	AI	2001-7768	01/12/2001	JAPAN		X
	AJ	2000-314902	11/14/2000	JAPAN		X
	AK	1 018 666	07/12/2000	EUROPE		
	AL	1 102 114	05/23/2001	EUROPE		

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AM	S. KADO, et al., 27 <sup>th</sup> European Conference on Optical Communication (ECOC), vol. 6, pages 38-39, "BROADBAND FLAT-NOISE RAMAN AMPLIFIER USING LOW-NOISE BI-DIRECTIONALLY PUMPING SOURCES", October 4, 2001
	AN	C. R. S. FLUDGER, et al., Optical Communication Conference (OFC), vol. 54, paper MA5, page 8, "FUNDAMENTAL NOISE LIMITS IN BROADBAND RAMAN AMPLIFIERS", March 19, 2001
	AO	C. R. S. FLUDGER, et al., Electronics Letters, vol. 37, no. 1, pages 15-17, "PUMP TO SIGNAL RIN TRANSFER IN RAMAN FIBRE AMPLIFIERS", January 4, 2001
	AP	T. KOTANIGAWA, et al., 2002nen The Institute of Electronics, Information and Communication Engineers, Sogo Taikai Koen Ronbunshu Tsushin 2, page 476, "MEASUREMENT OF NOISE CHARACTERISTIC OF A BROADBAND RAMAN AMPLIFIER", March 7, 2002
	AQ	A. NAKA, et al., The Institute of Electronics, Information and Communication Engineers, Sogo Taikai Koen Ronbunshu Tsushin 2, page 477, "EVALUATION OF OPTICAL SIGNAL-TO-NOISE RATIO AT DISTRIBUTED RAMAN AMPLIFIER SYSTEMS", March 7, 2002
	AR	T. MIYAMOTO, et al., The Institute of Electronics, Information and Communication Engineers, Sogo Taikai Koen Ronbunshu Tsushin 2, page 488, "RAMAN AMPLIFIER BY USING A WIDE BAND DISPERSION COMPENSATING FIBER", March 7, 2002
	AS	R. P. ESPINDOLA, et al., Electronics Letters, vol. 38, no. 3, pages 113-115, "PENALTY-FREE 10 GBIT/S SINGLE-CHANNEL CO-PUMPED DISTRIBUTED RAMAN AMPLIFICATION USING LOW RIN 14XX NM DFB PUMP", January 31, 2002
	AT	H. MASUDA, The Institute of Electronics, Information and Communication Engineers Sogo Taikai Koen Ronbunshu Tsushin 2, page 467, "GAIN-STABILIZATION OF A FIBER RAMAN AMPLIFIER PUMPED BY LASER DIODES", March 8, 1999
	AU	Y. EMORI, et al., IEICE Transactions on Electronics, vol. E84-c, no. 5, pages 593-597, "BROADBAND RAMAN AMPLIFIER FOR WDM", May 1, 2001
	AV	<input type="checkbox"/> Additional References sheet(s) attached

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.